

APPENDIX D.2

Status of implementation of the Conclusions and Decisions of SAT/23

Agenda Item 3: *Communications, Navigation and Surveillance (CNS)*

3.1 Follow up of SAT/23 Conclusions & Decisions pertaining to the CNS field

Conclusion 23/07: Improvement of the reporting on the work of the multidisciplinary local Group for the assessment and the mitigation of missing Flight Plans	
That; SAT ANSPs that have not yet done so, update their list of Focal Point by 31 07 2018, reinforce the activities of the local Group for the assessment and mitigation of missing Flight Plans and report monthly to ASECNA the outcome of their investigation on missing flight Plans.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To improve the reporting on the work of the multidisciplinary local Group for the assessment and the mitigation of missing Flight Plans	
When: 31 July 2018	Status: ANSPs to report
Who: <input checked="" type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Conclusion 23/08: Establishment of SITA Gateways on SAT VSATS networks	
That; a) SAT concerned members include in the project of re-engineering of their Networks (AFISNET, CAFSAT) a study on the feasibility of the establishment of SITA Gateways on VSATs networks after cost benefit analysis; b) Consider the trials already conducted in the SAM and AFI regions to facilitate through a collaboration mechanism the establishment on the SITA Gateway to support ADS-C & CPDLC data link as needed.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To have a cost benefit analysis that justify such implementation	
When: CNMC/9	Status: Still Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

3.2 Revue of the performance of SAT CNS Infrastructure and systems

Decision 23/09: Adoption of the matrix for the reporting on the performance of CNS Infrastructure and Systems
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That; a) The matrix for the reporting on the performance of SAT CNS Infrastructure and Systems is adopted as attached at Appendix I and; b) SAT Members to report quarterly to GCAA, on their CNS Infrastructure and Systems performance with the first report made available on 31 October 2018 for the 3 rd Quarter of year 2018.	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To monitoring the performance of CNS infrastructure.	
c) When: 31 October 2018 for the 3rd Quarter of year 2018.	Status: Asecna and GCAA Reported and matrix revised
Who: <input checked="" type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Conclusion 23/10: Cyber Safety and Resilience of SAT CNS Infrastructure and Systems	
That; a) The Joint Technical Teams (JTT) for the VSAT Networks re-engineering include in its work agenda, items on the insurance of Cyber Safety and Resilience of SAT CNS Infrastructure and Systems; b) In this regard the JTTs will assess and identify Cyber risks and mitigation actions, prioritize and plan these actions for the short and medium term in alignment with the regional projects in the matter initiated by the PIRGs.	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To asses and identify Cyber risk	
When: CNMC/9	Status: Still Valid. An ad'hoc Group led by France DGAC established since CNMC is dismantled
Who: <input checked="" type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

3.3 Improvement of CNS system in the SAT Region (AMHS, AIDC, ADS-B)

Conclusion 23/11 Interconnection of AMHS system	
That; 1. SAT concerned members develop/update and implement the interconnection of the existing AMHS systems by 31 12 2018: a) Brazzaville/ Luanda (31/12/2019) b) Casablanca/Nouakchott (TBD)	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational

c) Dakar/Recife (Brasilia) (TBD) d) Luanda/Lisbon (30 September 2019)	
2. The Dakar/Sal AMHS link be implemented by 31 12 2019, the Accra/Luanda (31 12 2019) and Accra/ Niamey (31 12 2020) links be implemented by 31 12 2018.	
Why: To migrate from AFTN to AMHS and support new ATM application	
When: 1) 31/12/2018 2) 31/12/2019	Status: Partially implemented a) Casablanca/Nouakchott b) Dakar/Recife (Brasilia)
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others: ANSPs	

Conclusion 23/12: Implementation of AIDC between SAT ATCs	
That; Concerned SAT ACCs pursue their collaboration in order to overcome the technical barriers (Incompliance of Interfaces, Loss of Flight Plans, Human Factor...) for the effective implementation of the following AIDC circuits: a) Abidjan /Accra by 31 12 2018 Done b) Dakar/Atlántico by 31 12 2019 c) Ezeiza Johannesburg by 31 12 2019 (TBD) d) Luanda/Johannesburg by 31 12 2020	Expected impact: <input type="checkbox"/> Polítical / Global <input checked="" type="checkbox"/> Inter-regional <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental <input type="checkbox"/> Technical/Operational
Why: To improve ATM operation	
When: 2018-2020	Status: Partially implemented a) Abidjan /Accra b) Dakar/Atlántico (trials)
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Decision 23/13: Coordination of the implementation of AMHS and AIDC	
That; In order to facilitate coordination, the Secretariat develop and circulate no later than 31 12 2018, follow up tables on the planning and implementation of AMHS and AIDC to be filled up by members by end of the first quarter of year 2019.	Expected impact: <input type="checkbox"/> Polítical / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational

Why: To facilitate AMHS and AIDC implementation	
When: 31/12/2018	Status: Valid Table developed (Appendix K to SAT 23 report) Implementation status to be updated
Who: <input type="checkbox"/> Coordinators <input type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others: ANSPs	

Conclusion 23/14: Development of Terms of Reference for the investigation on RCP and RSP	
That; The joint Technical team expand its work program to include the development of Terms of Reference for the investigation into the current systems to establish performance baseline (Transaction time, Continuity, Availability and Integrity) in preparation of the implementation and operation of RCP and RSP.	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: to establish performance baseline (Transaction time, Continuity, Availability and Integrity) for RCP and RSP	
When: CNMC/9	Status: Still Valid
Who: <input checked="" type="checkbox"/> Coordinators <input type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others: ANSPs	

Agenda Item 4: *Communications, navigation and surveillance / Air traffic management (CNS/ATM) Systems*

4.1 Harmonization of ADS/CPDLC programmes

4.1.1 Review of the conclusions/decisions of the eleventh meeting of the SAT FANS 1/A Interoperability Team (SAT/FIT/11).

Decision 23/15: Adoption of the Conclusions/Decisions of the SAT FANS 1/A Interoperability Team (SAT/FIT/13)	
That; The Conclusions/Decisions of the SAT FANS 1/A Interoperability Team (SAT/FIT/13) are adopted as attached in Appendix N	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: Adoption of conclusions of SAT/FIT/13	
When: SAT/23	Status:
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

4.2 Review of the conclusions/decisions of CNMC/8 meeting

Decision 23/16: Adoption of the Conclusions/Decisions of the 8th meeting of the CAFSAT Network Management Committee (CNMC/8)	
That; The Conclusions/Decisions of the 8th meeting of the CAFSAT Network Management Committee (CNMC/8) are adopted as attached in Appendix O.	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: Adoption of conclusions of CNMC/8	
When: SAT/23	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

4.3 Space-based ADS-B

4.3.1 Space-based ADS-B

4.3.2 GADSS Aircraft Tracking Requirements

Conclusion 23/17: Surveillance capability meeting GADSS requirements	
That; a) States to provide information to applicable ICAO regional office where actual surveillance capability does not meet the GADSS requirements in their area of responsibility together with a timeline for promulgation of regulatory requirements for airlines to submit requests for variations and exemptions; and, b) Given the new GADSS “Aircraft Tracking Requirements” are prescribed globally, ICAO ensure that other ICAO regions affected take similar action to the a) above, consolidate the information to make it available to all Operators and States alike and conduct awareness on the effective implementation of the GADSS.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: GADSS requirements	
When: Before the end of 2018	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Agenda Item 5: *New structure, Working methodology, Terms of Reference and Future work programme of the SAT Group (Plenary session)*

Decision 23/18: Coordination between SAT Group and the PIRGs concerned	
That: The SAT requests that the ICAO Secretariat communicate all activities of the SAT Group through regular reports to all involved PIRG meetings	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To improve coordination between SAT Group and PIRGs	
When: Before the end of 2018	Status: Still valid Reporting status to be updated
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Decision 23/19: Improvement of coordination and cooperation with adjacent PIRGs	
That: The SAT supports the improvement of coordination and cooperation with the adjacent PIRGs, especially with the NATSPG	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To improve coordination between SAT Group and PIRGs	
When: SAT/23	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Decision 23/20: Preparation for the convening of the Atlantic Coordination meeting	
That: The SAT invites the ICAO Secretariat (WACAF Office with support from the other involved ROs) to prepare the convening and to develop the necessary working arrangements for a Atlantic Coordination meeting before the end of 2018.	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To improve coordination between SAT Group and PIRGs	
When: Before the end of 2018	Status: Meeting held
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Decision 23/21: Terms of Reference and Future work programme	
That; The Terms of Reference and Future work programme of the SAT ATM Working Group (ATM/WG), SAT Study Group on the Improvement of the Airspace Structure in the EUR/SAM Corridor (IAS/SG), SAT CNS Working Group (CNS/WG) are adopted as attached at Appendix P	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational

Why: Update terms of reference and work program of SAT	
When: SAT/23	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Agenda Item 6: *Adoption of the Conclusions/Decisions of the SAT/23 meeting (Plenary session)*

Agenda Item 7: *Any other business*

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